# 11 February 2016 – IRLI, Addis Ababa

# Template: Proposal for an Africa RISING R4D Scaling Partnership

# Out-scaling multifunctional and sustainable landscape management approaches (climate-smart landscapes) to facilitate and enhance sustainable intensification and diversification at different scales

## Background and Justification

*Describe the nature of the innovations to be scaled*

Physical SWC practices are being implemented. We will add value by integrating promising interventions that can enhance food, feed, conservation, environmental (ESS)… benefits and services. Focus on aligning site- and context-specific technologies to landscape and household conditions by developing a ‘business plan’ - DSS’ (through scenarios and developing ‘customized’ strategies based on those …

There is also a need to diversify crops, specifies across landscape using ‘trait-based’ approach to enhance functional diversity.

Recommendation domains for up-/and out-scaling

## Benefits

*What benefits are anticipated from the widespread uptake of these innovations?*

Landscape productivity enhanced and stabilized (crop, feed, energy, …..) – resilient to shocks (landscapes and households)

Minimize pressure on crops land, forests, grazing lands, wetlands …

Carbon sequestration enhanced

Multifunctional and diversified landscapes created

Water availability for irrigation improved

Nutrition improved

Overall ESS improved

Livelihoods improved

Reservoir and canal siltation reduced. Flood regulated

HPE supply sustained, economic growth implication

DSS that can guide targeted intervention developed

## Research Questions

*Specify the research questions that will backstop the partnership. It is accepted that these might evolve over the lifespan of the partnership.*

* What is/are missing in what is taking place now (gaps)?
* What combination of ‘technologies’ could maximize the foreseen environmental and livelihood benefits and promote multifunctional landscapes and where as well as how?
* What are the constraints for adoption and policy/institutional incentives?
* What are the opportunities and possible trade-offs of implementing technologies (complementary and supplementary technologies) at different scales?

## Development Partnerships

*List the partners who will be active, describe the contribution that they will make and how Africa RISING will support / backstop this with the research proposed. Also consider the comparative advantage offered by your partnerships. Make sure that you carefully consider roles and responsibilities of all partners.*

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| --- | --- | --- | --- |
| **Partner** | **Contribution** | **Africa RISING** | **Advantage** |
| CG centres: CIAT, IWMI, ICRAF, ICRISAT, ILRI, Bioversity |  |  |  |
| MoA   * SLM * PSNP * AGP * MERET | Facilitate scaling up scale-up our new technologies | * Technical support, capacity development | Synergy and co-investment |
| MoEFCC   * CRGE | Facilitate implementation as they have ‘restoration targets’ (22 million) | Proven integrated (complementary/linked) technologies |  |
| ATA |  |  |  |
| GIZ | -Technical exchanges, capacity+scle-up on their watersheds | Co-invest and share experiences |  |
| Regional Research Institutes | Help provide evidence on what works and doesn’t work  Be partners and implementers– especially when far | Resources, capacity building |  |
| Universities | Provide implement, research (students) | Funds for capacity, technical support |  |
| Local NGOs (SUNARMA, SOS-Sahel Ethiopia, FARM Africa) | Spread technology - outputs to impacts  Linkages with  communities | Technology, capacity building |  |

## Impact Pathway

*Ensure that the contribution to FtF goals (e.g. improved food security, better health and nutrition, inclusive agriculture sector growth) are stated*

*Theory of change*

|  |  |  |  |
| --- | --- | --- | --- |
| **Activities** | **Outputs** | **Outcomes** | **Impacts** |
| * Workshops, field visits | Policy briefs, guidelines, toolkits, DSS | Policy makers adjusted their policies … towards climate-smart and multifunctional landscapes |  |
| * Review, collect and analyse (meta-data) * Establish Demonstration sites | * Datasets and database available * Complementary/linked technologies tested, validated, documented * Guidelines | The system productivity of 10,000 ha land improved (climate resilient) | Improved system productivity, (due to climate-smart landscapes) |
| * Situation analysis and contextualize * Estimate, measure, model * Scenario, ex-ante analysis * Out-scale best-bet technologies | * Severity of erosion estimated, hotspot areas of intervention mapped and suitable management measures identified * Biodiversity * Water availability (soil moisture improved, tools of augment water use developed) * Carbon sequestration | Provisioning, regulating, services of landscapes (X ha of land afforested, rate of deforestation reduced, soil loss reduced to tolerable level, HEP supply stabilized through reduced siltation and options (biogas) | ESS |
| * Diversify income generating activities * Nutrition sensitive landscapes * Map ‘specialized areas’ | * Biodiverse and nutritious food and feed available * Appropriate and productive varieties identified and released * Bee keeping … | The livelihoods of around 50,000 people improved (nutrition, food diversity, etc.) | Livelihood, food security, utrition |
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## Targets / Zone of Influence

*How many potential beneficiaries are out there? How many do you hope to materially impact on? Where are they?*

About 6 million potential beneficiaries

About 100, 000 material beneficiaries

Intervention areas of our partners plus more! (may depend on our ‘recommendation domains’

## Arrangements Required for Monitoring and Evaluation

*How will you generate and present the evidence that your partnership has been successful?*

Start EVERY THING together (from the beginning) – so all co-own!

MoU

IPs

Regular follow-ups

Participatory review and planning meetings

Joint field visits and reports

## Communications and Knowledge Management / Transfer

*What arrangements will you put in place to communicate your activities and their benefits? What knowledge specific products and activities will you need to implement to support this.*

(Generally partner specific thus client oriented)

Local structures (traditional and governmental)

Workshop

Database

Policy briefs

Policy dialogue

Proceedings

Documents (publications)

Website (online materials)

Documentary videos

Farm Radio

Farmer field school

Field days and visits

Exchange visits (cross learning)